

	<u>Radiation</u>			<u>Wild No.</u>		
<u>Release</u>	<u>F</u>	<u>I</u>	<u>T</u>	<u>F</u>	<u>I</u>	<u>T</u>
1 3750	9	2	11	35	10	45
2 3600	10	19	29	11	5	16
3 (4300)	44	46	90	16	4	20
4* (less than 5000) (6000) 1000		145	245	55	15	(70)
5 (9500)	38	105	143	46	38	84
27 150	201	317	518	163	72	235
						553

$518 \times 5 = 2590$ —

$518 + 235 = 853$

$\frac{2590}{853} = \text{Ratio 3 sterile to 1 fertile}$

Fertility of released M's = $\frac{201}{518} = 39\%$ 61%

Fertility of wild ♀'s = $\frac{163}{235} = 69\%$ 31

12 1150

$$\begin{array}{r}
 2154 \\
 2154 \\
 \hline
 4308 \\
 2154 \\
 \hline
 6462
 \end{array}$$

[n.d.]

27150 total S (07+2)

$$\frac{27150}{11} = 2,470 \text{ S flies per week on 2500}$$

$$\frac{2470}{5} = 494 \text{ N flies per week}$$

$$494 : X :: 518 : 235$$

$$X = 224 \text{ wild flies per week.}$$

$$20) 10 -$$

$$\begin{array}{r} 240 \\ \hline 11 \overline{) 27150} \\ \underline{22} \\ 51 \\ \underline{55} \\ 60 \\ \underline{66} \\ 40 \end{array}$$

(24000 - 1000) = 23000

23000 - 1000 = 22000

22000 - 1000 = 21000

21000 - 1000 = 20000

20000 - 1000 = 19000

19000 - 1000 = 18000

18000 - 1000 = 17000

17000 - 1000 = 16000

16000 - 1000 = 15000

15000 - 1000 = 14000

14000 - 1000 = 13000

13000 - 1000 = 12000

[n.d.]

$$\begin{array}{r} 31 \\ 853 \overline{) 2590} \\ \underline{2559} \\ 31 \end{array}$$

10
0000000000
0000000000
0000000000

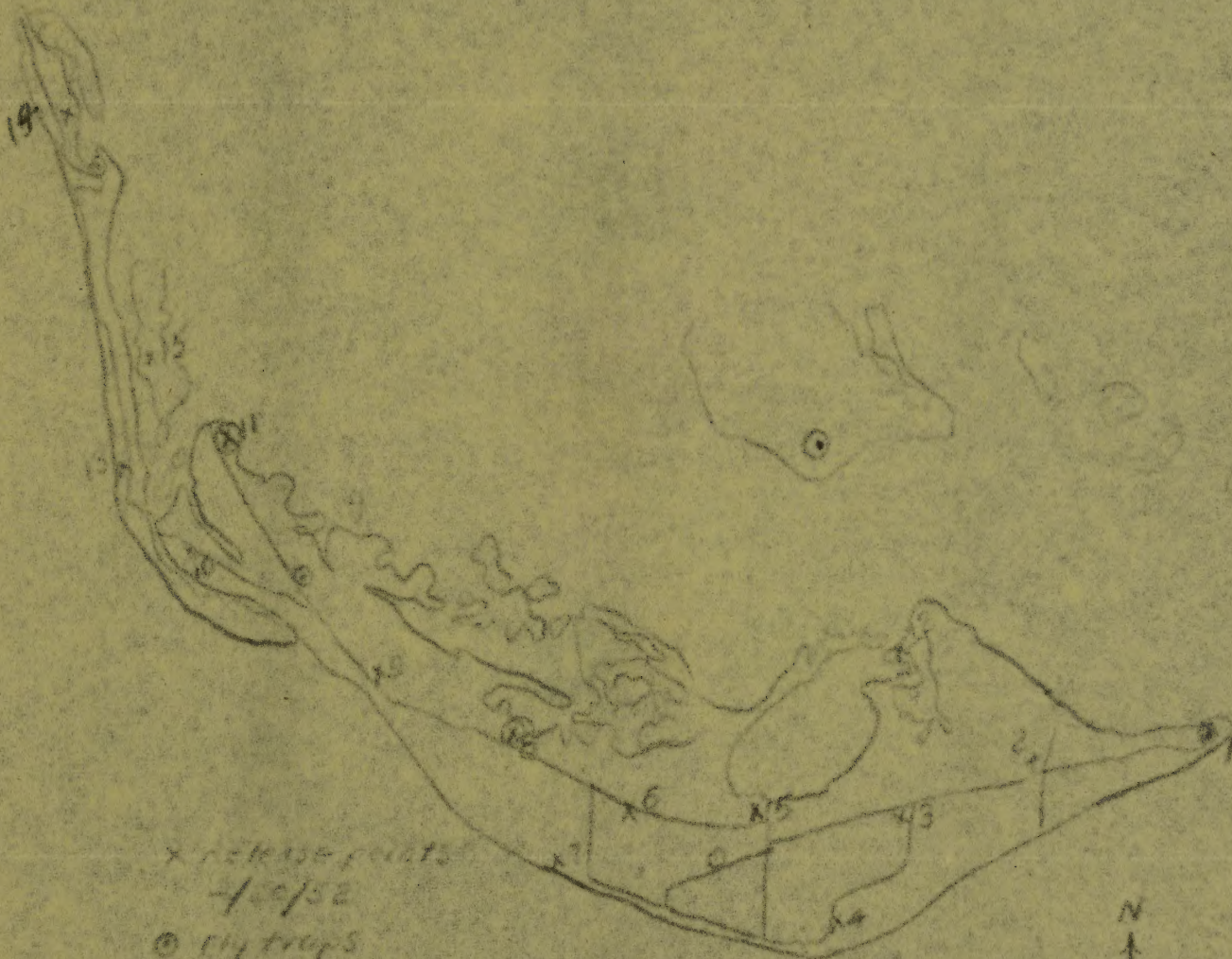
[n.d.]

at 2 weeks 1 release

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RELEASE POINTS--SANIBEL & CAPTIVA ISLANDS

868 X-rayed and 86 normal pupae placed
at each of 15 stations.



x release points

-/0/52

o fly traps

D release points - front / 1955
(1, 5, 11)

N
↑

